

NNNNZCZC879

JTP316/3541745 ZPO GUARD [REDACTED] 2000

XXXXX

OPCEN 697 GUARD 207 [REDACTED] 065 545M 024 CABLE 054

Section	Act	Info
Comdr		
DCS		
DCO (2)		
DCM (2)		
Secur		
Admin		
Medic		
Finan		
R & D		
Commo		
HGR		
HGR/M		
H-1		
H-2E		
H-2P		
H-2M		
H-6H		

25X1

25X1

SECRET 201739Z CITE [REDACTED] 0541

PRIORITY [REDACTED]

OXCART

SUBJECT: EVALUATION OF BLACK HILL MISSION EX6737.

1. CAMERA TYPE (115A), UNIT N. WAS USED ON MISSION EX6737. PROCESSING WAS ACCOMPLISHED AT BACIL. THE MISSION CONTAINS 988 TITLED FRAMES. TWO HUNDRED FRAMES OF COVERAGE OVER WATER, WERE EDITED BEFORE THE FIRST TITLED FRAME AND SIXTY FRAMES OF COVERAGE OVER WATER, AFTER THE LAST TITLED FRAME.

2. BOTH CAMERAS PRODUCED GOOD IMAGE THROUGHOUT WITH THE BEST RESOLUTION ESTIMATED TO BE BETWEEN 18 TO 24 INCHES (BAR-PLUS-SPACES). THE IMPROVEMENT IN RESOLUTION OVER EX6737 IS ATTRIBUTED TO BETTER ATMOSPHERIC CONDITIONS AND THE UTILIZATION OF THE V/H SENSOR WHENEVER POSSIBLE.

3. THE EXPOSURE WAS ADEQUATE THROUGHOUT AND PROCESSING PRODUCED GOOD NEGATIVES. THE REPRODUCTIONS ARE OF GOOD QUALITY.

4. A ROW OF MINUTE MINUS DENSITY MARKS SPACED 2.6 INCHES APART LOCATED 1.65 INCHES FROM THE EDGE OF THE FILM OPPOSITE THE DATA BLOCK DEGRADE ALL LEFT FRAMES. THEY ARE APPARENTLY CAUSED BY FOREIGN MATTER ON A ROLLER, AS WAS REPORTED IN THE EVALUATION CABLE FOR EX6737.

5. ALL FORWARD FRAMES ARE APPROXIMATELY 2.5 DEGREES SHORT AS MEASURED BY NOMOGRAPH CNG D 7015-REV. A SUPPLIED BY BABY. HOWEVER, EVEN THOUGH THE FRAMES ARE SHORTER, NO SERIOUS IMAGE DEGRADATION IS APPARENT.

6. THE 100 CPS FREQUENCY PARS ARE MISSING INTERMITTENTLY AT THE BEGINNING OF SCAN OF THE FORWARD CAMERA. IN SOME CASES THEY ARE MISSING FOR UP TO FOUR INCHES AT THE BEGINNING OF SCAN. ALL OTHER DATA WAS RECORDED SATISFACTORILY.

7. A GOOD CORRELATION BETWEEN THE LOG AND THE FILM WAS ACHIEVED.

8. CLOUDS OBSCURE APPROXIMATELY 10 PERCENT OF THE MISSION.

SECRET

BT

25 YEAR RE-REVIEW

25X1

25X1

JOINT MESSAGEFORM - CONTINUATION SHEET

TOP SECRET

REXX

ACTION: IMMEDIATE

FROM:

TO:



113

1 SIG CEN
1 COMDR
1 DCM
1 INS
1 DCO

25X1

25X1

A. BX 6736

B. INS TAPE REPORT

C. INS ~~010~~

D. DATA LINK

E. SEE H

F. SEE H

G. 10/013516 - 10/055708

H. DATA GOOD. WILL RETAIN TAPES UNLESS OTHERWISE NOTIFIED.

END OF MESSAGE



LCOL, USAF, MSN COORDINATOR

25X1

James H. Johnson

WKG



PAGE
NR

NR OF
PAGES

SECURITY CLASSIFICATION

REXX 12-10

25X1

SECRET

FROM:
25X1

PRIORITY ROUTINE

25X1

TO:

25X1

SIG CEN
COMDR
DCM
INS
DOC

A. BX 6738

B. FINAL FIELD EVALUATION OF INS DATA

C. INS 010

D. DATA STARTS LINE 15, TIME 013516

DATA ENDS LINE 1049, TIME 055655

LINE 29 BAD DUE TO TAPE TRANSPORT TURN ON. SUGGEST DELETION
DATA GOOD.

END OF MSG

25X1

[Redacted area]

SYMBOL

PAGE
NR

NR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

DD FORM 1 MAY 55 173-1

25X1

TIME (MIN)	ALTITUDE (FEET)	TERR ELEV	D VALUE	GRD SPD	SUN ANG	HAZE FCTR	REFL FCTR	V/H	EXP NOS
TYPE 1 CAMERA EXPOSURE NUMBERS									
INPUT DATA					OUTPUT DATA				
TIME (MIN)	ALTITUDE (FEET)	TERR ELEV	D VALUE	GRD SPD	SUN ANG	HAZE FCTR	REFL FCTR	V/H	EXP NOS
								0.000	
00	77450	0000		1774	56	1	K	3.865	06
03	78050	0000		1780	55	1	K	3.848	06
06	78100	0240		1782	55	1	K	3.862	06
09	78300	2560		1784	53	1	K	3.975	06
12	78500	1948		1780	50	1	K	3.924	06
16	79000	1800		1783	50	1	K	3.897	06
19	79300	0600		1784	49	1	K	3.825	06
22	79700	1606		1777	48	1	K	3.840	06
25	79800	0492		1775	47	1	K	3.777	06
28	57000	4000		1400	53	1	K	4.458	06
31	66000	2789		1600	53	1	K	4.272	06
34	75200	0500		1778	53	1	K	4.017	06
37	75600	0295		1778	52	1	K	3.985	06
40	76000	1800		1781	51	1	K	4.051	06
43	76100	0000		1783	51	1	K	3.953	06
								0.000	
								0.000	
								0.000	

THIS IS A RX6738 MESSA

PRIMARY AIRCR

TYPE I PACKAGE

TRUE ALTITUDES ARE USED

CUSTOM ROUTE

STBY 2 1416N 11528E

CAM ON 0906N 11003E

STBY 2 1803N 10327E

CAM ON 1421N 10150E

STBY 2 1433N 11026E

CAM TIME FIRST PASS 27MIN

SECOND PASS 19MIN

TOTAL 46MIN

EXPOSURE SETTINGS

WILL BE ADJUSTED BY

SENT MLT H-1200

TOP SECRET

avg v/h = 39.7m/r

TYPE 1 CAMERA EXPOSURE NUMBERS

INPUT DATA

* OUTPUT DATA

TIME (MIN)	ALTITUDE (FEET)	TERR ELEV	D VALUE	GRD SPD	SUN ANG	HAZE FCTR	REFL FCTR	V/H	EXP NOS
								0.000	

00	77450	0000	1774	58	1	K	3.865	06	THIS IS A BX6738 MESSAGE	
03	78050	0000	1780	57	1	K	3.848	06	<input type="text"/> BACKUP AIRCRAFT	25X1
06	78100	0240	1782	57	1	K	3.862	06	TYPE I PACKAGE	
09	78300	2560	1784	55	1	K	3.975	06	TRUE ALTITUDES ARE USED	
12	78500	1948	1780	52	1	K	3.924	06	CUSTOM ROUTE	
16	79000	1800	1783	52	1	K	3.897	06	STRY 2 1416N 11528E	
19	79300	0600	1784	51	1	K	3.825	06	CAM ON 0906N 11003E	
22	79700	1606	1777	50	1	K	3.840	06	STRY 2 1803N 10327E	
25	79800	0492	1775	50	1	K	3.777	06	CAM ON 1421N 10150E	
28	57000	4000	1400	49	1	K	4.458	06	STRY 2 1433N 11026E	
31	66000	2739	1600	49	1	K	4.272	06		
34	75200	0500	1778	49	1	K	4.017	06		
37	75600	0295	1778	45	1	K	3.985	06	CAM TIME FIRST PASS 27MIN	
40	76000	1800	1781	45	1	K	4.051	06	SECOND PASS 19MIN	
43	76100	0000	1782	45	1	K	3.953	06	TOTAL 46MIN	25X1
							0.000		<input type="text"/> EXPOSURE SETTINGS	25X1
							0.000		WILL BE ADJUSTED BY <input type="text"/>	
							0.000		SENT NLT H-1200	

EOF

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NNNN

IHJAXZCZC546

PTP138/3500120 230 843M

25X1

BT

XXXXX

OPCEN 577 [REDACTED] 002

25X1

OPCEN PASE [REDACTED]

25X1

TOP SECRET 160114Z CITE [REDACTED] 2303

25X1

PRIORITY [REDACTED]

25X1

129

25X1

A. BX 578

B. INS-FILM CORRELATION REPORT

C. INS 010

D. 1. INS TAPE AND FILM AGREE

2. INS TAPE AND FILM AGREE

3. INS TAPE AND FILM AGREE

4. SATISFACTORY

5. SATISFACTORY

6. SATISFACTORY

7. SATISFACTORY

8. SATISFACTORY

9. SATISFACTORY

10. THE FILM CLOCK IS RECORDING TO 4 SECONDS HIGHER

THROUGHOUT MISSION.

E. SATISFACTORY CORRELATION HAS BEEN ACHIEVED ON THIS MISSION.

TOP SECRET

BT

NNNNZCZC309

BAIL 221 120050Z 27-3 ZPO SPECIM [REDACTED] BAHY

BT

XXXXX

OPCEN 273 [REDACTED] 666 07 038

25X1

25X1

TOP SECRET 120211Z CIT 1401 0545

IMMEDIATE [REDACTED]

25X1

25X1

- A. BX673H
- B. FILM EVALUATION REPORT
- C. TYPE 1 / E / 334H / KWBAIL
- D. TRENTON NBR 2 / PRIMARY 75 / SECONDARY 65 DEGREES F. / DEV WAS
AS FOLLOWS IN FIIT:
0200-0370 FULL
0371-0440 PRIMARY
0449-0610 INTERMEDIATE
0611-0340 FULL
- E. 2.25 / 1.20
- F. 3424 / 167401-4-12-7
- G. 1. DRY IN MEIN BOX.
2. GOOD
3. MEDIUM
4. GOOD
5. OPERATIONAL
6. NORMAL
7. 35
- H. HELD AT [REDACTED] FOR PRINTING.
- I. COMMENTS: A ROW OF MINUS DENSITY DOTS, 1.5 INCHES FROM THE
NON-DATA BLOCK EDGE AND 0.5 INCHES APART ARE PRESENT ON ALL
AFT FRAMES. SEVERAL FAINT DENSE DENSITY STREAKS, ALIGNED
ALONG THE MAJOR AXIS, ARE PRESENT IN MOST FORWARD CAMERA
FORMATS. THE DATA BLOCKS PROTRUDE INTO MOST AFT FRAMES
THROUGHOUT THE SECOND PART OF THE MISSION. THE 100 CPS
TIMING MARKS, ON THE EDGE FARTHEST FROM THE DATA BLOCKS OF
THE FORWARD FRAMES, BEGIN ERRATICALLY THROUGHOUT. THE
BEGINNING VARIES FROM 3/4 INCH BEFORE THE FORMAT EDGE TO
4 (FOUR) INCHES AFTER THE FORMAT EDGE WITH NO SPECIFIC
PATTERN NOTED. THE OTHER TIMING PULSE ON THE FORWARD
CAMERA IS NORMAL WHILE BOTH 100 CPS TRACKS ON THE AFT
ARE MISSING FOR THE FIRST 1.5 INCHES.

25X1

TOP SECRET

BT

DCM
DCM

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Next 1 Page(s) In Document Denied

Approved For Release 2009/08/17 : CIA-RDP69B00041R001300010014-9 SSIFICATION
ABBREVIATED JOINT MESSAGE SHEET
and/or CONTINUATION SHEET

PRECEDENCE	RELEASED BY	DRAFTED BY	PHONE
ACTION IMMEDIATE			25X1
INFO	USAF		

FROM:

TO:

OXOART/BLACKSHIELD/MATERIEL

- A. SPECIAL FUEL TEST REPORT (2 1/2 HOUR PRE-FLIGHT) BX 6738
- B. 117 1315L/10 STRIP ALERT
- C. FUEL TESTED IN PARA B QAUW IAW SECTION VII TEST CRITERIA

END OF MESSAGE

1 SIG CTR
1 CMDR
1 DOM
1 CP
1 POL

MISSION COORDINATOR

25X1

CONTROL NO.	TOR/TOD	PAGE NO.	NO. OF PAGES	MESSAGE IDENTIFICATION	INITIALS
REGRADING INSTRUCTIONS				SECURITY CLASSIFICATION	

DD FORM 173-1

REPLACES EDITION OF 1 MAY 55 WHICH MAY BE USED.
Approved For Release 2009/08/17 : CIA-RDP69B00041R001300010014-9

CLASSIFICATION
and/or CONTINUATION SHEET

SECRET

PRECEDENCE
ACTION **ROUTINE**
INFO

25X1
PHONE

MSGT. USAF

4X277
25X1

FROM:

TO:

OXOART/BLACKSHIELD

1 SIG OTR
1 CMR
1 DOM
1 POL

A. SPECIAL FUEL TEST REPORT (POST FLIGHT)

B. 125 1435L/10

095 1445L/10

088 1455L/10

512 1750L/10

523 2200L/10

513 2210L/10

C. FUEL TESTED IN PARA B QUAL IAW SECTION VII TEST CRITERIA

END OF MESSAGE

CONTROL NO.

TOR/TOD

PAGE
NO.

NO. OF
PAGES

MESSAGE IDENTIFICATION

INITIALS

REGRADING INSTRUCTIONS

SECURITY CLASSIFICATION

SECRET

DD FORM 173-1

1 NOV 63

FROM

ACTION: IMMEDIATE

FROM:

TO:

113

1 SIG CEN 25X1
1 COMDR
1 DCM
1 INS 25X1
1 DCO

A. BX 6738

B. INS TAPE REPORT

C. INS 010

D. DATA LINK

E. SEE H

F. SEE H

G. 10/013516 - 10/055708

H. DATA GOOD. WILL RETAIN TAPES UNLESS OTHERWISE NOTIFIED.

END OF MESSAGE

RELEASER

LCOL, USAF, MSN COORDINATOR 25X1

INS SUPERVISOR

PAGE
NR

NR OF
PAGES

SECURITY CLASSIFICATION

12-10-67 INITIALS

JOINT MESSAGEFORM - CONTINUATION SHEET

FROM:

[Redacted]

IMMEDIATE IMMEDIATE

25X1

TO:

[Redacted]

[Redacted]

117

- 1 SIG CE 25X1
- 1 COMDR 25X1
- 1 DCM
- 1 P.E.
- 1 DCO

- A. BX 6738
- B. TYPE I CAMERA CONFIGURATION REPORT
- C. I/E/10 DEC/131 [Redacted]
- D. 1252/626-626
- E. 1466/733-733
- F. 3404/2167/401-4-10-7
- G. F3.8 [Redacted]
- H. 56/47
- 53/51
- I. 3:25:58Z/3:53:02Z
- 4:40:18Z/4:58:26Z
- J. 27/1/170/39.7
- 18/1/170/39.5 TO 45.9
- K. NA
- L. AS BRIEFED
- M. BS SECURITY
- N. ELAPSED TIME READING 4:22+01

END OF MSG

[Redacted Signature]

RELEASED

[Redacted]

LCOL, USAF, MSN COORDINATOR

SYMBOL

PAGE
NR

NR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

DD FORM 173-1
MAY 55

JOINT MESSAGEFORM - CONTINUATION SHEET

SECRET

FROM:

PRIORITY ROUTINE

25X1

TO:

127

1 SIG CEN
1 COMDR
1 DCM
1 INS
1 DCO

25X1

25X1

A. BX 6738

B. FINAL FIELD EVALUATION OF INS DATA

C. INS 616

D. DATA STARTS LINE 15, TIME 013516

DATA ENDS LINE 1049, TIME 055655

LINE 29 BAD DUE TO TAPE TRANSPORT TURN ON. SUGGEST DELETION

DATA GOOD.

END OF MSG

RELEASES

25X1

, LCOL, USAF, MSN COORDINATOR

25X1

SYMBOL

PAGE
NRNR OF
PAGES

SECURITY CLASSIFICATION

INITIALS

DD FORM 173-1
MAY 55

Dec. 10, 1967

Subject to addresser specified for

report.

25X1

25X1

A. BX 6738
(Operations Mission Number)

B. TYPE I CAMERA CONFIGURATION REPORT

C. 1E / 10 DEC / 131 / LAYTON
(Conting./date/time/Act No. Pilot Pseudo. Example: 1/A/NOV 28/127)D. ~~1252~~ 626 - 626
(Total frames scheduled - fwd camera & aft camera)E. 1466 733 - 733
(Total frames completed - fwd camera & aft camera)F. 3404 12167 1401-4-10-7
(Film type/box no./emulsion no. Example: 3401/1234/245-13-3-6)G. f3.3
5.6/YELLOW WRITTEN 12.

H. SUN ANGLES.

BEGINNING

END

56 °	47 °
53 °	51 °
°	°

I. CAMERA ON CAMERA OFF (Date/Time ZULU. Example: 282118Z/282130Z)

3:25:58 Z / 3:53:02 Z.4:40:18 Z / 4:58:26 Z._____ Z / _____ Z.

J. ELAPSED TIME (MINUTES)/EXPOSURE VALUE/V/H IN MR/SECONDS. EXAMPLE: 1/200/039.

27. 1/170 39.7.18 1/170 39.5 To 45.9_____ °_____ °_____ °_____ °

25X1

CONT'D

K. N/A.

L. WEATHER. (General comment on weather during photo portions of mission).

AS BRIEFED

M. TAKE DISPOSITION (Location, shipment, or action on material - date/time ZULU.
Example: EM 290135Z or Area Security 290135Z).

BS SECURITY

N. COMMENTS. (Include general remarks regarding configuration operation,
malfunctions or mission problems).

ELAPSED TIME READING 4:22 + 01

24 HOUR GENERATION CHECKLIST

MISSION NUMBER 6738H-HOUR 10/1100LPRI 131SEC 127

ITEM	TASKS REQUIRED	H-HOUR START	H-HOUR COMP	ACTUAL TIME COMP	TIME COMP		CP CALLED	
					PRI	SEC	PRI	SEC
1	MAINTENANCE ALERTED		H-24	1100				
2	DCM MEETING		H-23	1200				
3	MAINT SECURE NITROGEN, OXYGEN		H-23	1200				
4	PCL SECURE TRUCKS		H-23	1200				
5	START MISSION AIRCRAFT PREFLIGHT	H-22:30	H-00:30	1030				
6	RECEIVE FUEL LOAD FROM FLIGHT PLANNING		H-22:30	1230				
7	RECEIVED 25X1		H-22	1300				
8	TEB AND REFUEL	H-22	H-19	1600	1530	1500	1530	
9	ARC-50 CODES RECEIVED		H-22	1300				
10	COMM AND IFF PREFLIGHT	H-22	H-18	1700	1300	1600		
11	SELECT RECOVERY CREW AND GIVE TO DCM	H-20	H-16	1700				
12	INS PREFLIGHT	H-16	H-16	1900	1430	1700	1607	1730
13	EWS PREFLIGHT	H-16	H-13	2200	1800	1730	1815	1815
14	PACKAGE DATA RECEIVED		H-13:45	2115				
15	PACKAGE LOADED (CALL SECURITY BEFORE MOVING PACKAGE)	H-13	H-08:30	0230	0055	0120	0120	0120
16	SIP AND SYSTEM VI CHECKOUT	H-11	H-0830	0230	2245	2245		
17	PCL SEND 25X1		H-10:45	0615				
18	LOX TOP OFF	H-4	H-03:30	0730	0515	0330		
19	NITROGEN TOP OFF	H-4	H-03:30	0736	0430	0230		
20	AIRCRAFT STATUS BRIEF: CC, INS, EWS, PKG & DCM	H-03:30	H-3	0800				
21	START INS WARMUP		H-03:30	0730	0720	0730	0800	0800
22	INSTALL CSC MAGAZINE IN NOSE	H-03:30	H-3	0800	1500	1000		
23	INS DATA TAPE LOADING	H-02:30	H-2	0900				
24	PACKAGE I HELIUM PURGE Q-BAY	H-2	H-00:30	1030				
25	PERSONAL EQUIPMENT LOADED	H-02:15	H-2	0900				
26	MAINT CALL SECURITY TO STERILIZE COCKPIT	H-2	H-01:50	0916				
27	COCKPIT SET UP PER CODE SHEET		H-01:50	0910				
28	VIEWFINDER LOADED WITH FILM	H-01:40	H-01:30	0900				
29	ENGINEER CHECK AIRCRAFT							

24 HOUR GENERATION CHECKLIST Approved For Release 2009/08/17 : CIA-RDP69B00041R001300010014-9

ITEM		TASKS REQUIRED	H-HOUR START	H-HOUR COMP	ACTUAL TIME COMP	TIME CCM ^P		C.P. CALLED	
						PRI	SEC	PRI	SEC
30		ENGINE START							
31		TAXI		H-00:30	1030				
32		RECOVERY GEAR IN PLACE		H-00:20	1040				
				H+1	1200				
		POST MISSION LANDING CHECKLIST							
1		LAND AND COOL AIRCRAFT	L+00:00	L+00:30					
2		SECURE ACFT AND SERVICE ENG OIL	L+00:30	L+01:15					
3		REMOVE SCDM TAPE AND GIVE TO SIP	L+00:30	L+01:15					
4		REMOVE VIEWFINDER FILM STRIP AND MAPS	L+00:30	L+01:15					
5		REMOVE BLUE LOG TAPE	L+00:30	L+01:15					
6		MAINTENANCE DEBRIEF	L+00:45	L+01:15					
7		REMOVE INSTRUMENTATION PACKAGE	L+01:00	L+01:15					
8		MOVE ARTICLE INTO HANGAR	L+01:15	L+01:30					
9		DOWNLOAD PKG (NOTIFY SECURITY TO CLOSE HANGAR DOORS)	L+01:30	L+02:30					
10		SCDM DATA TO DCOM FOR 25X1		L+03:30					
11		SIP DATA TO DCO		L+04:15					
12		"TAKE" TO SUPPLY (NOTIFY SECURITY BEFORE MOVING TO SUPPLY)		L+05:00					
13		PACKAGE SUBMIT 117 25X1		L+05:00					
14		BD II TAPE TO SECURITY		L+05:00					
15		INS/SCDM TAB RUN TO SECURITY		L+05:00					
16		SCDM TAPE TO SECURITY		L+09:00					
17		INS SUBMIT 127 25X1		L+10:00					

25X1

25X1
LCOL, USAF, MSN COORDINATOR

INITIALS

Page Denied

Next 8 Page(s) In Document Denied

SECRET

FROM: Mission Coordinator

9 DEC 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
 in the Operations Briefing Room on 9 DEC 1967 at
1130 L.

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	*Recipient
CMDR			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLTSURG			AFCS		(Notify Only)
DCOM			TTFC(SAC)	<u>0645</u>	(Notify Only)

SECRET